

SHOES FOR WALKING AND ROLLING

ABSTRACT

Shoes with various configurations of rollers secured to one region of their soles for
5 rolling, while leaving another sole region exposed for walking. The rollers are mounted to
rotate about an axle defining a primary axis of rotation extending at an angle of between
about zero and 45 degrees to the walking direction, as viewed from above the shoe, for
rolling sideways along a support surface. This provides a combined running-rolling method
of locomotion, by running on the exposed sole surfaces, and then jumping into a "surfing"
10 stance for rolling. In some cases, the rollers are mounted on steerable truck assemblies. One
particularly small truck assembly includes wedge-shaped bushings for steering compliance.

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